

## CLAIMS:

1. A luminous body for generating white light, characterized in that it is provided with a combination of light-emitting diodes radiating blue light and a fluorescent lamp comprising green and red phosphors.

5 2. A luminous body as claimed in claim 1, characterized in that the light-emitting diode radiating blue light comprises a semiconductor based on InGaN or AlInGaN.

3. A luminous body as claimed in claims 1 and 2, characterized in that the blue light radiated by the light-emitting diode lies in a wavelength range of between 380 and 500  
10 nm.

4. A luminous body as claimed in claims 1 to 3, characterized in that the fluorescent lamp is a compact fluorescent lamp (energy-saving lamp), a Hg low-pressure gas discharge lamp (fluorescent tube), a Hg high-pressure gas discharge lamp, or a sulphur lamp.  
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5. A luminous body as claimed in claims 1 to 4, characterized in that the fluorescent lamp comprises at least one phosphor from the group of  $\text{LaPO}_4\text{:CeTb}$ ,  $\text{LaMgAl}_{11}\text{O}_{19}\text{:CeTb}$ ,  $\text{GdMgB}_5\text{O}_{10}\text{:CeTb}$ ,  $\text{Y}_2\text{O}_3\text{:Eu}$ ,  $\text{Y(V,P)O}_4\text{:Eu}$ , or one of the mixtures thereof.  
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6. A luminous body as claimed in claims 1 to 5, characterized in that the light-emitting diode radiating blue light is accommodated inside the same lamp housing as the fluorescent lamp.

25 7. A luminous body as claimed in claims 1 to 8, characterized in that the light-emitting diode radiating blue light is accommodated in a lamp housing separate from the fluorescent lamp.

8. A luminous body as claimed in claims 1 to 7, characterized in that a separate current supply is provided for the light-emitting diode radiating blue light, such that the current flow to the light-emitting diode and thus its light emission can be controlled independently of the light emission of the fluorescent lamp.